Site:	Genuine	e Parts				Well#:	MU-1	0-1R			
		Indianapolis, IN				Sample I.D. #:					
Job #:	21256					Sample Time:		1640			
		_				Sample Date:	4-10-1	3			
D I D D											
Personnel Present D Matt Hennessy, EN		Š									
Triace From 10559, Est	· incorr										
Well/Purging Inform	nation:							-			
Purging method		ladder Pump	_		Vell depth (from t	-	-		(ft)		
Sampling method		Low-Flow	_		Depth to water price		(2		(ft)		
Tubing materia	_	LDPE ft.	3) Length of water column in well: #1 - #2 = (3) 4.5 (ft) 4) Volume of water standing in well (4) (gal)								
Screen Length Top of well screen;		ft. ft. below measuring po	nint		nultiply #3 by 0.1	_			(gai)		
Pump intake set a		_			Required for wel						
Casing radius		in.	ouit		lumber of purge v						
		SS / Galv. Steel			laximum volume	-			(gal)		
	Other:			·			·		,		
	_		_								
Bladder Pump Conti	roller Settings (i	if used):	Recharge time:		······································	sec)	Pressure		si)		
			Discharge time:	·	5 (sec) (Cycles per minute	: <u> </u>			
Stabilization:											
Stabilization:											
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP		
Time	Water (ft)	Pumped ()	Rate (mt/min)	pН	(ms/cm)	(NTU)	Temp (°C)	(mg/L)	(mV)		
1624	15.63	800	200	7,48	0,857	16.3	12.83	6.48	124		
858	15,68	/600		7,43	0.858	<u> 3, 4</u>	12,24	5,70	125		
1632	13.68	<u> </u>	V	7,40	0.858	0.0	11,84	5.54	127		
1636	15.68	3 200 3200		7, 38	0,860	0.0	11.57	5, 29	128		
1640	15.68	BO 4000		7,36	0.861	0,0	11,44	5,28	130		
1640	12,00	<u> </u>		1, 20	01001		11:77	3,00	130		
											
								——— <u> </u>			
Sample Para	ameter	Sample Ve	olume		ttle Type	Number	of Bottles	Preservati	on/Prep		
Voc		40n	~L	_	VOA		3	Hc	7.		
-								-			
											
			<u>-</u>								
		~	CIA	1.1	17.1	1 1 1	170				
Comments/Observa	tions/Weather C	Conditions:	Cloudy, ra	ining.	ICAIN S	stopped 16	030				
											
-											
Low Flow Sampli	ng:	Well purge flow rate of	of approximately (0.5L/min_or	less. Collect in	ı-line water qua	ality measureme	nts and depth t	0		
		5 minutes. If excessive									
readings of + 0.1 i	H. +3% cond	uctivity, ±10% temper	rature, turbidity, a	nd DO. Di	sconnect in-line	water quality	meter prior to sa	mpling.			

Site:	Genuine					Well #		146		
Location: Job #:	700 North Olin, I 21256					Sample I.D. # Sample Time		1642		
						Sample Date		3		
Personnel Present Matt Hennessy, El		<u> </u>								
Well/Purging Info Purging metho Sampling metho Tubing materi Screen Leng Top of well scree	d: B od: th: 10	ladder Pump Low-Flow LDPE ft. ft. below measuring p	- - - - oint	2) E 3) L 4) V	Vell depth (from to Depth to water pri- ength of water co Volume of water so multiply #3 by 0.1	or to purging blumn in well: #1 tanding in well	(2)	13./8	(ft) (ft) (ft) (gal)	
Pump intake set Casing radi Well materi		_ ft. below measuring p _ in. SS / Galv. Steel	oint	5) N	Required for we Jumber of purge v Maximum volume	olumes required			(gal)	
Bladder Pump Cor	ntroller Settings (i	f used):	Recharge time: 10 (sec) Pressure: 10 (psi) Discharge time: 5 (sec) Cycles per minute: 4							
Stabilization:										
Time	Depth to Water (ft) 9,88 9,88 9,88 9,88	Volume Pumped (<u>ML</u>) 800 1600 2400 3200	Pumping Rate (mL/m²)	рн <u>6,99</u> <u>6,94</u> <u>6,92</u> 6,91	Conductance (mHcm) 0,912 0,922 0,929 0,931	Turbidity (NTU) 3. 1.6 0.9 0.5	Temp (°C) 72.05 21.34 20.95 70.77	DO (mg/L) 1,12 0,89 0.82 0.81	ORP (mV) 105 105 105	
1642	9.88	4000		6.90	0.929	0,1	20,86	0,78	105	
Sample Pa	rameter	Sample V			ttle Type	Number	of Bottles		tion/Prep	
Comments/Observ	ani ana Wasahan C		5vnny,							
Confinents/Observ	ations/ weather C		Johny,	70						
Low Flow Comm	ling:	Well purge flow sets	of approximately	0.51 /min	less Collection	lina water en	ality manaurama	ate and donel	to	
	ents every 3 to 5	Well purge flow rate in minutes. If excessive the contract of	e drawdown (>0.	5 ft.), reduc	e purge rate (0.2	2 L/min). Stab	ilization with thr	ee successive		

Site:	Genuine	e Parts				Well#	t: NW-	148 R	
Location:	700 North Olin, I					Sample I.D. #			
Job #:	21256					Sample Time		165	//03
						Sample Date	: <u>4-10-13</u>		n - =
Personnel Present I		<u>.</u>							
Matt Hennessy, EN	VIRON								
Well/Purging Infor	mation:								
Purging method	d: B	ladder Pump	_	1) V	Vell depth (from	top of measuring	g point) (1)	24.16	_(ft)
Sampling metho	đ:	Low-Flow	_	2) I	Depth to water pri	or to purging	(2)	11.52	(fi)
Tubing materia	al:	LDPE	_	3) L	ength of water co	olumn in well: #	1 - #2 = (3)	12,64	(ft)
Screen Lengt		ft.		4) \	olume of water s	standing in well	(4))	(gal)
Top of well screen	ı; <u>9.1G</u>	_ ft. below measuring p	oint	I	multiply #3 by 0.1	1632 for 2" ID a	nd 0.0408 for 1" II) wells.	
Pump intake set a	at: <u> 17:84</u>	_ ft. below measuring p	oint	(Required for we	il volume purg	ing approach only	')	
Casing radiu		_in.		5) N	Number of purge	volumes require	d (5)	ı	_
Well materia	al: P(0) / #316	SS / Galv. Steel		6) N	Aaximum volume	to be purged: #	$4 \times #5 = (6)$)	_(gal)
	Other:								
D1-44 D C		ارد عاد ا	D - 4 4	10	7	()	D	: 15 (ts
Bladder Pump Con	troller Settings (1	it used):	Recharge time:			(sec)	Pressure	(1.3	psi)
			Discharge time:			(sec)	Cycles per minute	- 7	
Stabilization:									
<u>Staomzation.</u>									
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP
Time	Water (ft)	Pumped ()	Rate (mL/min)	pН	(ns/en)	(NTU)	Temp (°C)	(mg/L)	(mV)
1043	11,55	800	200	7.02	1,78	0.0	14.33	0.79	154
					1,73				
1047	11.55	1600		7.02		0,0	13,96	0.67	152
1051	11.55	<u> </u>		7.01	1.73	0,0	13,81	0.60	150
	11.55	3zoə		7.01	1.72	0.0	13,72	0,57	148
1059	11:55	4000		7.00	1.70	0.0	13.64	0.55	146
1103	11.55	4800		7,00	1.69	0,0	13,63	0.53	145
	- 18-2			-100				<u> </u>	
		*************************************						,	
							-		
Sample Par	rameter	Sample V	olume	Во	ttle Type	Numbe	r of Bottles	Preserva	tion/Prep
1/00		40			นอ <i>์</i> A		7	H	·=
	<u> </u>		m L		WPI		<u> </u>		<u>- L</u>
							· · · · · · · · · · · · · · · · · · ·		
				· ,			_		
Comments/Observa	ations/Weather C	Conditions:	Svany,	windy,	75				
		. 							
									 -
Low Flow Sampl	ing:	Well purge flow rate	of approximately ().5L/min or	less. Collect in	n-line water ou	ality measureme	nts and depth	to
		minutes. If excessive							
		uctivity, ±10% tempe							

Site:	Genuine	Parts				Well #	· MW-15	0			
	0 North Olin, In					Sample I.D. #	·				
Job #:	212564					_					
J08 #:	212304	116				Sample Time		<i>155.</i>	<u> </u>		
						Sample Date	= 4-9-13				
Personnel Present Du	uring Sampling:										
Matt Hennessy, ENV	IRON										
Well/Purging Inform	ation:							_			
Purging method:	Bla	adder Pump		1) V	Vell depth (from	top of measuring	point) (1)	18,63	₹ (ft)		
Sampling method:	: I	.ow-Flow		2) I	epth to water pr	rior to purging	(2)	13.12	(ft)		
Tubing material:	:	LDPE	-	3) L	ength of water of	column in well: #	1 - #2 = (3)	550	(ft)		
Screen Length:		ft.	-			standing in well	(4)		(gal)		
Top of well screen;		ft. below measuring p	oint						_ ~ .		
Pump intake set at:		ft. below measuring p									
Casing radius:		in.	5) Number of purge volumes required (5)								
	FVC / #316 S	-	6) Maximum volume to be purged: #4 x #5 = (6) (gal)								
	Other:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		0)	Turinium voidin	e to be parged. n	17.113 - (0)		_(54.)		
Bladder Pump Contro	-U C-44: ('6	· 4\.	D = -l		'A	()	D	15 (, ·\		
Bladder Pullip Contro	oner Senings (ii	usea):	Recharge time	<u> </u>		(sec)	Pressure:		(psi)		
			Discharge time	: <u>_</u>		(sec)	Cycles per minute:				
0.1.00											
Stabilization:											
			- ·		~ .						
	Depth to	Volume	Pumping ,		Conductance	Turbidity		DO	ORP		
Time	Water (ft)	Pumped (<u>m</u>)	Rate (m Llura)	pН	(m3/cm)	(NTU)	Temp (°C)	(mg/L)	(mV)		
1535	13,20	<u> 200</u>	5 700 200	7.09	0,904	4.0	148B	2,14	95		
1539	13,20	1600	1	7.04	0,919	2.5	14,41	1,49	95		
											
1543	13,20	2400	V	7.02	0,926	1.8	14,29	1.35	95		
1547	13,20	3200		7,01	0,930	1,9	14,12	1,26	95		
<u> 1551</u>	13,20	4000		7.00	0,931	2,5	<u> 14.14</u>	1,22	95		
1555	13,20	4800		6.99	0,931	2.4	14.22	1.18	95		
					-						
					-						
Sample Para		Sample V	olume		ttle Type	Numbe	r of Bottles		ation/Prep		
\/∂		40	mL		$\mathcal{V}OA$		3	H	'CL		
						-					
									-		
		•				•			-		
a		17.7									
Comments/Observati	ions/Weather Co	onditions:									
											
<u> </u>		~									
Low Flow Samplin		Vell purge flow rate									
		minutes. If excessiv							<u>e</u>		
readings of ± 0.1 p	H, ±3% condu	ctivity, ±10% tempe	rature, turbidity, a	nd DO. Di	isconnect in-lir	ne water quality	meter prior to san	npling.			

Site:	Genuine	Parts				Well#	· MW-	151			
	700 North Olin, I					Sample I.D. #		51			
Job #:	21256	41E				Sample Time		1553	/353		
						Sample Date	4-9-13				
Personnel Present	During Sampling:	<u> </u>									
Matt Hennessy, EN		•									
Well/Purging Infor	rmation:										
Purging metho		ladder Pump		1) \	Well depth (from	top of measuring	point) (1	18,32	(ft)		
Sampling methor	od:	Low-Flow	_		Depth to water pr		(2)	14,17	_(ft)		
Tubing materi		LDPE	_			olumn in well: #1			_(ft)		
Screen Leng		_ft.	-:		Volume of water	-	(4)		_(gal)		
Top of well scree Pump intake set		ft. below measuring p ft. below measuring p		i i i							
Casing radi		in.	5) Number of purge volumes required (5)								
	ial: (FVC) / #316	SS / Galv. Steel		•		e to be purged: #4	•)	(gal)		
	Other:								_		
Bladder Pump Cor	ntroller Settings (i:	fused):	Recharge time		10	(sec)	Pressure	. 10 (psi)		
Diagues 1 ding Cor	ntoner bettings (i	r uscay.	Discharge time		5		Cycles per minute		psi)		
			J								
Stabilization:											
	ъ. г.	** .			0.1.	m 1***		20	077		
Time	Depth to Water (ft)	Volume Pumped (<u>ゕレ</u>)	Pumping Rate (m4mm)	рН	Conductance	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)		
1227 A~> ¬		800		-		, ,					
23346-5-3	14.20		<u> </u>	6.13	0,910	1,7)4,97	3.64	<u>/68</u>		
13371537	14,20	1600		6147	0,920	0,0	14.23	3,35	<u> 146</u>		
1 <u>341/54+</u>	14.20	<u> 2400 </u>		<u>6,62</u>	0.925	0.0	13.93	3.24	/33		
1345/545	14,20	3200	v	6.69	0,924	0,0	13,86	3,20	126		
1349/549	14,26	4000		6,74	0,924	0.0	13.86	3./3	120		
1353/5.53	14.20	4800		6,77	0,924	0,0	13.69	3,12	118		
1900	77100	1000		01//	01141		13101		110		
							-				
• • • • • • • • • • • • • • • • • • • •											
Sample Pa	arameter	Sample V		Вс	ttle Type	Number	of Bottles	Preserva	tion/Prep		
1/0	(/	40	Int	/	VOA	.3)	140	. 1		
				•	<u> </u>						
-		-									
				-							
-											
Comments/Observ	ations/Weather C	Conditions:	Sunny ?	75°							
Low Flow Samp	oling:	Well purge flow rate	of approximately	0.5L/min o	r less. Collect	in-line water qu	ality measureme	nts and depth	to		
		minutes. If excessiv									
		uctivity, ±10% tempe									

Site: Location: 70 Job #: Personnel Present Du Matt Hennessy, ENV Well/Purging Informa Purging method: Sampling method:	21256 rring Sampling: IRON ation: B	Indianapolis, IN 641E			Vell depth (from Depth to water pr	Sample Time Sample Date top of measuring	: MW-152 / : : 4-18-13	18,32		
Tubing material: Screen Length: Top of well screen; Pump intake set at: Casing radius: Well material:	15 3,32 16,07 2	LDPE _ftft. below measuring p _ft. below measuring p _in. SS / Galv. Steel		3) Length of water column in well: #1 - #2 = (3)						
Bladder Pump Contro	oller Settings (i	f used):	Recharge time Discharge time		2	(sec)	Pressure: Cycles per minute:		psi)	
Time	Depth to Water (ft) 13,85 13,85 13,85 13,85 13,85 13,85	Volume Pumped (ML) 800 1600 2400 3200 4000 4800 5606	Pumping Rate (m.L./min)	pH 6,56 6.83 7,00 7,08 7,15 7,18 7,21	Conductance (m5/cm) 0.608 0.605 0.607 0.600 0.601 0.601	Turbidity (NTU) 59,9 34,8 20,1 13.5 5.1 2.8 0.0	Temp (°C) 15.29 15.00 14.94 14.87 14.85 14.86	DO (mg/L) 2.95 2.78 2.65 2.54 2.55 2.47	ORP (mV) 220 207 195 188 181 176	
Sample Parai	meter OC	Sample V			ule Type	Number C	of Bottles	Preserva H C	tion/Prep	
Comments/Observati	g:	Well purge flow rate of	Suny, 65	D.5L/min or	less. Collect	in-line water qu	ality measuremer	nts and depth	to	
		5 minutes. If excessivuctivity, ±10% tempe							; 	

Site:	Genuine	Darte				Well #:	MW-19	53 / 1) _{UD}		
		ndianapolis, IN				Sample I.D. #:		MW-15			
Job #:	21256					Sample T.D. #:		1538	3 DUP		
300 m.	21230	416				Sample Time:		#1 3 D			
						•					
Personnel Present Du											
Matt Hennessy, ENV	IRON .										
Well/Purging Inform	ation:										
Purging method:		ladder Pump		1) W	ell denth (from	top of measuring	point) (1)	70.5	L rm		
Sampling method:		Low-Flow	-		epth to water pr		(2)		(ft)		
Tubing material		LDPE	_	•		olumn in well: #1			(ft)		
Screen Length		ft.	_		_	standing in well	(4)		(gal)		
Top of well screen;		ft. below measuring p	oint	· ·		1632 for 2" ID an	= =		_ ``		
Pump intake set at		ft. below measuring p				ell volume purgi					
Casing radius		in.			_						
		SS / Galv. Steel		5) Number of purge volumes required (5) (gal)							
	Other:			-,			\	·	_ \		
N. II. D C	n o	e 1)	n 1 2	,	۸	,	n	10	·		
Bladder Pump Contro	oller Settings (1	f used):	Recharge time: Discharge time:			(sec)	Pressure Cycles per minute	 `	(psi)		
			Discharge time:		<u>'</u>	(sec)	Cycles per minute	· <u> </u>			
Stabilization:											
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP		
Time	Water (ft)	Pumped (<u>m L</u>)	Rate (ml/min)	pН	(m5/cm)	(NTU)	Temp (°C)	(mg/L)	(mV)		
1510	12,43	600	150	7,23	1.20	29,3	16.81	1.39	120		
1514	12,42	1200		7.19	1,24	20.2	15,66	0,98	118		
1518	12,42	1800		7.17	1,29	22,6	15,21	0,82	116		
1522	12.42			7,16	1.32	25,2	15,19	0:74	115		
	12.42										
1526		3000		7,15	1.33	<u>Z6.3</u>	15.06	0,71	<u> 114</u>		
1530	12,42	3600		7,14	1,36	3110	15.01	0.65	114		
1534	12,42	4260		<u> 7.14</u>	1.36	31.8	14,89	<u>0,63</u>	113		
1538	12.42	<u> 4800 </u>		7.14	1,38	32,0	14.90	0.60	113		
	 										
							A				
Sample Para		Sample V		Bot	le Type	Number	of Bottles		ation/Prep		
Voc		40,	ml		10 A		/ 3	<i>H</i>	CL		
											
Comments/Observati	ions/Weather C	onditions:	Sury 80	•							
			,						_		
Low Flow Samplir	ng:	Well purge flow rate	of approximately (.5L/min or	less. Collect i	n-line water our	ality measureme	nts and depth	ı to		
		minutes. If excessiv									
		uctivity, ±10% tempe									

Location: 700 North Olin, Indianapolis, IN Sample 1.D. #: NW-154	35 (ft) 22 (ft)
Personnel Present During Sampling: Matt Hennessy, ENVIRON Well/Purging Information: Purging method: Sample Date: 4-9-/3 Well/Purging Information: Purging method: Low-Flow 1) Well depth (from top of measuring point) (1) 20 Sampling method: Low-Flow 2) Depth to water prior to purging (2) /3, (3) (4) (4) Screen Length: Screen Length: 1/5 ft. Top of well screen; 5,35 ft. below measuring point multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells. Pump intake set at: 17,14 ft. below measuring point (Required for well volume purging approach only) Casing radius: Casing radius: Vell material: Other: Number of purge volumes required (5) Maximum volume to be purged: #4 x #5 = (6)	35 (ft) 7 (ft) 2 (ft)
Personnel Present During Sampling: Matt Hennessy, ENVIRON Well/Purging Information: Purging method:	(ft) (ft)
Matt Hennessy, ENVIRON Well/Purging Information: Purging method: Bladder Pump 1) Well depth (from top of measuring point) (1) 20 Sampling method: Low-Flow 2) Depth to water prior to purging (2) 13.4 Tubing material: LDPE 3) Length of water column in well: #1 -#2 = (3) 6.4 Screen Length: 15 ft. 4) Volume of water standing in well (4) Top of well screen; 5.35 ft. below measuring point multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells. Pump intake set at: 17.14 ft. below measuring point (Required for well volume purging approach only) Casing radius: in. 5) Number of purge volumes required (5) Well material: 60 Maximum volume to be purged: #4 x #5 = (6)	(ft) (ft)
Matt Hennessy, ENVIRON Well/Purging Information: Purging method: Bladder Pump 1) Well depth (from top of measuring point) (1) 20 Sampling method: Low-Flow 2) Depth to water prior to purging (2) 13.4 Tubing material: LDPE 3) Length of water column in well: #1 - #2 = (3) 6.4 Screen Length: 15 ft. 4) Volume of water standing in well (4) Top of well screen; 5.35 ft. below measuring point multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells. Pump intake set at: 17.14 ft. below measuring point (Required for well volume purging approach only) Casing radius: in. 5) Number of purge volumes required (5) Well material: 6) Maximum volume to be purged: #4 x #5 = (6)	(ft) 2 (ft)
Purging method: Sampling method: Low-Flow Tubing material: Screen Length: Top of well screen; Pump intake set at: Casing radius: Well material: Well depth (from top of measuring point) 1) Well depth (from top of measuring point) 2) Depth to water prior to purging 2) January (2) January (3) January (4) January (4) Wolume of water standing in well: #1 - #2 = (3) 6.4 Moleculary (4) multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells. (Required for well volume purging approach only) Sometiment (1) Zometiment (2) January (3) January (4) Multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells. (Required for well volume purging approach only) Sometiment (3) January (4) January (4) Multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells. (Required for well volume purging approach only) Sometiment (4) January (4) January (4) Maximum volume to be purged: #4 x #5 = (6) Other:	(ft) (ft)
Purging method: Bladder Pump Sampling method: Low-Flow Tubing material: LDPE Screen Length: 15 ft. Top of well screen; 5.35 ft. below measuring point Pump intake set at: 17.14 ft. below measuring point Casing radius: 2 in. Well depth (from top of measuring point) (1) 20 Screen Longth (70 to purging) (2) 13.14 Wolume of water column in well: #1 - #2 = (3) 6.15 Well material: 15 ft. 4) Volume of water standing in well (4) multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells. (Required for well volume purging approach only) Sometiment of purge volumes required (5) Well material: 16 ft. 6) Maximum volume to be purged: #4 x #5 = (6)	(ft) (ft)
Tubing material: Screen Length: 15 ft. Top of well screen; Pump intake set at: Casing radius: Well material: Other: LDPE 3) Length of water column in well: #1 - #2 = (3) 6, 9 4) Volume of water standing in well (4) multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells. (Required for well volume purging approach only) 5) Number of purge volumes required (5) Other: 6) Maximum volume to be purged: #4 x #5 = (6)	2 (ft)
Screen Length: /5 ft. 4) Volume of water standing in well (4) Top of well screen; 5.35 ft. below measuring point multiply #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells. Pump intake set at: 17,14 ft. below measuring point (Required for well volume purging approach only) Casing radius: 2 in. 5) Number of purge volumes required (5) Well material: 60 / #316 SS / Galv. Steel (6)	
Top of well screen; Pump intake set at: 17,14	(gal)
Pump intake set at: 17,14 ft. below measuring point (Required for well volume purging approach only) Casing radius: 2 in. 5) Number of purge volumes required (5) Well material: PV0 / #316 SS / Galv. Steel 6) Maximum volume to be purged: #4 x #5 = (6) Other:	
Casing radius: Z in. 5) Number of purge volumes required (5) Well material: FVO / #316 SS / Galv. Steel 6) Maximum volume to be purged: #4 x #5 = (6) Other:	
Well material: (7) / #316 SS / Galv. Steel 6) Maximum volume to be purged: #4 x #5 = (6)	
Other:	(gal)
Bladder Pump Controller Settings (if used): Recharge time: /O (sec) Pressure: /O	(8)
Maddel 1 this Controller Settings (if tisco). Recharge time.	(psi)
Discharge time: 5 (sec) Cycles per minute: 4	(psi)
	
Stabilization:	
	CDD
Depth to Volume Pumping Conductance Turbidity DC Time Water (ft) Pumped (ml_) Rate (ml/ma) pH (ml/cm) (NTU) Temp (°C) (mg/	
08/9 14.00 800 200 6.70 1.38 0,0 11.94 3,1	
0823 14.00 1600 6.99 1.38 0.0 11.70 3.1	
0827 14.00 2400 1 7.10 1.38 0.0 11.63 30	
0831 14.00 3200 7.18 1.38 0.0 11.59 2.0	19 111
0835 14.00 4000 7.24 1.39 0.0 11.59 2.8	5 108
0839 14.00 4800 7,29 1,39 0,0 11,55 2.	
0843 14.00 5600 7.31 1.39 0.0 11.50 2.5	0 104
	-
	servation/Prep
VOC 40mL VOA 3	HCL
	_
	· ·
Comments/Observations/Weather Conditions: Cloudy 55°, Unter clear.	
Comments/Observations/Weather Conditions: Cloudy, 55°, Valer clear.	
Law Flaw Compliant Wall pure flaw set of americant to 61 Initiative Collective Collectiv	lanth t-
Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive drawdown (>0.5 ft.) and the control of the	.cpm t0
readings of ± 0.1 pH, $\pm 3\%$ conductivity, $\pm 10\%$ temperature, turbidity, and DO. Disconnect in-line water quality meter prior to sampling.	

Site:	Genuine				Well#	MW-15	56		
Location:	700 North Olin, I					Sample I.D. #	e I.D. #: MW-156		
Job #:	21256					Sample Time:		1005	
						Sample Date	4-10-13		
Personnel Preser	nt During Sampling	•							
Matt Hennessy, l		<u> </u>							
W-11/Douglas Ind	F								
Well/Purging Inf Purging metl		ladder Pump		1) \	Well depth (from	top of measuring	point) (1)	18,22	(ft)
Sampling met		Low-Flow	- -	2) I	Depth to water pr	rior to purging		i2,33	(ft)
Tubing mate	erial:	LDPE	_	3) L	ength of water o	column in well: #1	- #2 = (3)	5.89	(ft)
Screen Lei		_ft.	_	4) V	olume of water	standing in well	(4))	(gal)
Top of well scre		_ ft. below measuring p	oint				d 0.0408 for 1" II		
Pump intake s		ft. below measuring p	oint		_		ng approach only	7)	
Casing ra		— ^{in.}				volumes required			
Well mate	erial: PVO / #316 Other:	SS / Galv. Steel		6) N	Maximum volum	e to be purged: #4	$4 \times #5 = (6)$)	(gal)
								10	
Bladder Pump C	Controller Settings (i	f used):	Recharge time		70	(sec)			osi)
			Discharge time	:	5	(sec)	Cycles per minute	·——4—	
Stabilization:									
	75 . 4.	37.1	ъ .		0.1.	ers 1 · 1·		DO.	ODB
T'	Depth to	Volume	Pumping Rate (m / min)	71	Conductance (m3/cm)	Turbidity	T (9C)	DO	ORP
Time	Water (ft)	Pumped (<u>ML</u>)		pH		(NTU)	Temp (°C)	(mg/L)	(mV)
0945	12,35	800		7.20	0.884	0.0	14.97	1.15	_161_
0949	12,35	1600		7,20	0.882	0.0	14.00	0,82	159
0953	12,35	2406		7,20	0.871	0.0	13.76_	0.81	158
0957	12.35	3200	•	7,21	0,861	0,0	13.47	0.89	156
1001	12.35	4000		7,21	0.856	0.0	13,34	0,95	15.5
1005	17,35	4800		7,21	0.852	0,0	13.34	0,97	154
				1101					
									
	_								
									
Sample I	Parameter	Sample V	olume	Во	ttle Type	Number	of Bottles	Preservat	ion/Prep
VO)C	40	ml	/	VOA	ز	3	Н	CL
						-			
				-					
						-			
						_			
				~~					
Comments/Obse	ervations/Weather C	Conditions:	Cloudy,	70					
Low Flow San		Well purge flow rate							
		5 minutes. If excessivuctivity, ±10% tempe							·-

Site:	Genuine	Parts				Well#	· MW-	163		
Location:	700 North Olin, In					Sample I.D. #		3		
Job #:	21256					Sample Time		1430)	
	·					Sample Date	4-10-13			
D 15 .										
Personnel Present Matt Hennessy, El										
Watt Helinessy, E.	I VIICOI V									
Well/Purging Info	rmation:							4		
Purging metho	od:Bl	adder Pump	-	1) \	Well depth (from	top of measuring	point) (1)		(ft)	
Sampling meth		Low-Flow	•		Depth to water pri		(2)	<u> 11, 98</u>	(ft)	
Tubing mater		LDPE	-		ength of water co				_(ft)	
Screen Leng		_ft.	4) Volume of water standing in well (4) (gal)							
Top of well scree		ft. below measuring po								
Pump intake set Casing radi		ft. below measuring po in.	point (Required for well volume purging approach only) 5) Number of purge volumes required (5)							
	ial: 100 / #316	_	6) Maximum volume to be purged: #4 x #5 = (6) (gal)							
	Other:			٠,٠		to co pangoan w	(0)		_ (8)	
	_									
Bladder Pump Cor	ntroller Settings (if	f used):	Recharge time:			(sec)	Pressure		osi)	
			Discharge time	:	<u>5</u>	(sec)	Cycles per minute	: <u> </u>		
Ca-billd										
Stabilization:										
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP	
Time	Water (ft)	Pumped (L	Rate (<u>m/min</u>)	pН	(m5/cm)	(NTU)	Temp (°C)	(mg/L)	(mV)	
1419	12.48	600	150	7,18	0.985	0,0	17,74	6,13	128	
										
1418	12.58	1200		7,16	0,995	0,0	17.60	5,92	128	
1422	12,60	1800	V	7.15	<u>0.998</u>	0.0	<u> 17,47</u>	5,90	128	
1426	12,60	2400		7.14	0.997	0.0	17.38	5,79	128	
1430	12,61	7700 3000		7,14	1,00	0.0	17, 17	5,79	127	
1 124	10(4)								,	
	_									
Sample Pa		Sample Vo			ttle Type		of Bottles	Preservat	-	
V	00	90	ml	1	10 A	3	<u> </u>	HO		
	_									
									-	
-							•			
Comments/Observ	vations/Weather C	onditions:	Cloudy,							
		_	1,							
		37 11 ~			,	1.	**.			
Low Flow Samp		Well purge flow rate of								
		minutes. If excessive							:	

Site:	Genuine 00 North Olin, In					Well # Sample I.D. #		164			
Job #:	212564					Sample 1.D. #		1455			
						Sample Date		11-3			
Personnel Present Dr Matt Hennessy, ENV											
Well/Purging Inform Purging method: Sampling method Tubing material Screen Length Top of well screen; Pump intake set at	 point point	2) I 3) I 4) \	Depth to water pr ength of water of Jolume of water multiply #3 by 0.	column in well: #1 standing in well .1632 for 2" ID ar	(2)	19,00 5,69 wells.					
Casing radius		in.		5) Number of purge volumes required (5)							
Well material	:ÆVC / #316 S Other:	SS / Galv. Steel		6) N	Maximum volum	e to be purged: #4	$4 \times #5 = (6)$		_(gal)		
Bladder Pump Controller Settings (if used):			Recharge time:		10 5	(sec)	Pressure: Cycles per minute:	`	3 _ ^(psi)		
Stabilization:											
Time 1431 1435 1439 1443 1447 1451	Depth to Water (ft) 19.02 19.02 19.02 19.02 19.02 19.02	Volume Pumped (ML) 800 1600 2400 3 200 4000 4800 5600	Pumping Rate (myau)	7,02 7,03 7,00 7,00 6,99 6,99	Conductance (m3/cm) 0,985 0,999 1,0 0,992 0,992 0,992	Turbidity (NTU) 0,8 0,9 0,0 0,0 0,0 0,0	Temp (°C) 18.06 17.06 17.06 17.39 17.30 17.15	DO (mg/L) 1,00 0,74 0,63 0,57 0,59 0,51	ORP (mV) 97 94 91 89 86 84 82		
Sample Para		Sample V			ttle Type	Number	of Bottles	Preserva #(ction/Prep		
Comments/Observat	ions/Weather Co	onditions:	Sunny,	75"							
	ts every 3 to 5	Vell purge flow rate minutes. If excessive tivity, ±10% tempe	e drawdown (>0.5	ft.), reduc	e purge rate (0	.2 L/min). Stab	ilization with thre	ee successive			

Site:	Genuine	Parts			: MW-1655					
	00 North Olin, I					Sample I.D. #				
Job #:	21256					Sample Time		0943		
						Sample Date				
						F		<u></u>		
Personnel Present D	uring Sampling:									
Matt Hennessy, EN									İ	
									ı	
Well/Purging Inforn	nation:									
Purging method		adder Pump		1) V	Vell depth (from	top of measuring	point) (1) <i>19.</i> 42	(ft)	
Sampling method	-	Low-Flow	_	2) D	epth to water pr	ior to purging	(2	2) /4, 37	(ft)	
Tubing materia	•	LDPE	3) Length of water column in well: #1 - #2 = (3) 5,05 (f							
Screen Length	ı: <i>10</i>	ft.	4) Volume of water standing in well (4) (gal)							
Top of well screen;		- ft. below measuring p								
Pump intake set a		ft. below measuring p								
Casing radius		in.	point (Required for well volume purging approach only) 5) Number of purge volumes required (5)							
	1: PVQ / #316 S	SS / Galv. Steel				e to be purged: #4		5)	(gal)	
	Other:			·				·	_ ''	
	_									
Bladder Pump Contr	roller Settings (if	f used):	Recharge	time:	10	(sec)	Pressur	e: <i>[O</i> (r	osi)	
<u>-</u>	-		Discharge		5	• ' '	Cycles per minut			
			J				•			
Stabilization:										
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP	
Time	Water (ft)	Pumped (<u>n.L</u>)	Rate (mU/n	h) pH	(m3/cm)	(NTU)	Temp (°C)	(mg/L)	(mV)	
0923	14,42	800	200	7,32	1.47	23.3	9.38	· -	43	
								1.66		
0927	<u> 14.42</u>	1600		7, 25	445	10,8	8.74	0.82	12	
0931	14,42	2406	4/	7,23	1.43	7.8	8.56	0.69	O	
0935	14,42	3200		7,23	1.41	0.0	8.50	0.61	~7	
0939	14.42	4000		7,24	1.40	0,0	8,56	0.59	-11	
0943	14,42	<u> 4800 </u>		7,25	1.38	0.0	8,49	0,56	-17	
						· 				
						- ——				
	•									
Sample Para	ameter	Sample V	'olume	Bo	ttle Type	Number	r of Bottles	Preservat	tion/Prep	
1/0	()	40	mL	/	VOA	•	7	\mathcal{H}	CI	
			m O		V - 1 1				<u>- L</u>	
						•				
				<u> </u>		-		-		
			1.) 1	111111	11	H + 1		1 4		
Comments/Observa	tions/Weather C	onditions:	Winter 1	rightfully se	alorange,	allowed to	purge a,	nd clear	· 1p	
									<u> </u>	
	_	~					11.			
Low Flow Sampli		Well purge flow rate								
		minutes. If excessive								
readings of ± 0.1 i	on, ±3% condu	ictivity, ±10% tempe	rature, turbidi	tiv, and DO. Di	sconnect in-lin	ie water quality	meter prior to s	ampling.		

Site:	Genuine	Parts				Well #	: MW-10	(5 N		
Location:	700 North Olin, I		Sample I.D. #: MW-165D							
Job #:	21256					Sample Time		1039		
						Sample Date	: <u>4-9-13</u>	•		
Personnel Present	During Sampling:									
Matt Hennessy, E							4			
Well/Purging Info	rmation:									
Purging metho		adder Pump	_	1) W	ell depth (from	top of measuring	g point) (1)	46.23	_(ft)	
Sampling meth		Low-Flow	- -	•	epth to water pri		(2)	14.16	(ft)	
Tubing mater		LDPE	_		ength of water co			32,07	_(ft)	
Screen Leng		_ft.			olume of water s	-	(4		_ (gal)	
Top of well scree		ft. below measuring p					nd 0.0408 for 1" II			
Pump intake set Casing radi		ft. below measuring p in.	oint		kequired for we lumber of purge		ing approach only d (5			
	rial: PVQ / #316				faximum volume	-)	(gal)	
West mater	Other:	SS 7 Gaiv. Bicci		0, 1.	indinam volume	to be parged. I	7 K 113 — (0	,	_(84.)	
Bladder Pump Co	ntroller Settings (it	Fused):	Recharge time	. .	10	(sec)	Pressure	: 7 3 (nsi)	
Diaddor Lamp Co.	na oner bettings (i	useuj.	Discharge time			(sec)	Cycles per minute		par)	
Cashili-saissa								-		
Stabilization:										
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP	
Time	Water (ft)	Pumped (<u>ML</u>)	Rate (<u>~ [+ i + i + i + i + i + i + i + i + i +</u>	pН	(<u>m3/cm</u>)	(NTU)	Temp (°C)	(mg/L)	(mV)	
1011	14,25	800	<u> 200</u>	7.37	1.09	7.88	11.78	1.48	-25	
1015	14,25	1600		7.35	1:15	6.5	11,77	0.91	-39	
1019	14.25	2400	Ψ	7.35	1, 18	6.1	11.86	0,73	-47	
1073	14.25	3200		7.35	1.19	3.9	11.91	0.66	-50	
1027	14.25	4000		7,35	1.20	3.6	11,99	0,61	-53	
1031	14.25	4800		7.35	1.20	0,1	12,04	0.56	-56	
1035	14.24	5600		7. 35	1.21	0.3	(2,09	0,53	~57	
1039	14,24	6400		7,35	1.21	0.0	17,13	0.52	-58	
	-									
Sample Pa	arameter	Sample V	olume	Bot	tle Type	Numbe	r of Bottles	Preserva	tion/Prep	
1/6		40			10 A		3		1cL	
			MU						/ <u>- [</u>	
									.	
						•	 			
										
Comments/Observ	vations/Weather C	onditions:	Sonny.	65°						
-										
						.,			· · ·	
							-	***		
Low Flow Samp		Well purge flow rate								
		minutes. If excessive							<u> </u>	

Site:	Genuine	Parts				Welli	#: MW-	1665	
Location: 70	00 North Olin, I	ndianapolis, IN				Sample I.D.			
Job #:	21256					Sample Time		113/	
						Sample Date			
Personnel Present D Matt Hennessy, ENV									
Well/Purging Inform	nation:								
Purging method:		adder Pump		1) \	Well depth (from	top of measuring	g point) (1	18.86	(ft)
Sampling method		Low-Flow	_		Depth to water pr	-	(2		(ft)
Tubing material	:	LDPE	_	3) I	Length of water c	olumn in well:#	1 - #2 = (3		(ft)
Screen Length	: 10	ft.	_	4) \	Volume of water :	standing in well	(4)	(gal)
Top of well screen;		ft. below measuring p			multiply #3 by 0.	1632 for 2" ID a	nd 0.0408 for 1" II	D wells.	_
Pump intake set at	: <u>/6,</u> 94	ft. below measuring p	oint	(Required for we	ell volume purg	ing approach only	y)	
Casing radius		_ in.		•	Number of purge	•			_
Well material	: fV) C / #316 : Other:	SS / Galv. Steel		6) 1	Maximum volume	e to be purged: #	$4 \times 45 = 66$)	(gal)
	Other:								
Bladder Pump Contr	oller Settings (i	f used):	Recharge tim		10	(sec)	Pressure		osi)
			Discharge tim	e:	5	(sec)	Cycles per minute	: <u> </u>	
Stabilization:									
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP
Time	Water (ft)	Pumped (<u> </u>	Rate (ml/min)	pН	(mS/cu)	(NTU)	Temp (°C)	(mg/L)	(mV)
1111	15.10	800	Z00	7.43	1.03	0.5	15,43	1,20	47
1115	15,10	1600	<u> </u>	7.37	1,03	0,0	15.16	0.83	50
1119	1510	2400	1/	7.33	1.03	0,0	15,07	0.67	51
1123	15.10	3200		7.32	1,03	0.0	15,15	0,62	51
1/27	15.10			7.31			15.24		<u>52</u>
•		4000			1.03	0.0		0.59	`
	15,10	<u> 4800</u>		7.31	1,03	0,0	15.27	0.59	<u>52</u>
									
					-				
Sample Para		Sample V			ttle Type	Numbe	r of Bottles	Preservat	
VOC	<i>-</i>	40m	<u>rL</u>		VOA		3	$\underline{\hspace{1cm}}$	u
									. <u> </u>
								-	
						•	-		
Comments/Observat	ions/Weather C	onditions:	Sunny	·, 7	<u> </u>				
								-	
Low Flow Come-15-	Y	Wall pures flames	nf anneauir4-1	المسالة ١٠	nion Collect	n 1ina		nto on J J1	ta
Low Flow Samplin water measuremen		Well purge flow rate minutes. If excessive							
		ictivity, ±10% tempe							

Sample LD #:	Site:	Genuine	Parts	Well#: MW~ 166 P								
Personnel Present Durine Sample Time: 1243												
Personnel Present During, Sampline: Matt Hermesy, BAVIRON												
Mail Hennessy, ENVIRON							Sample Date	4-9-13				
Mail Hennessy, ENVIRON	Personnel Present I	During Sampling:										
Purpling methods Eladder Pump 1) Well depth (from top of measuring point) 1) 1/4, 32 (i) 1/4, 30 (ii) 1/4, 30 (iii) 1/4, 30 (iiii) 1/4, 30 (iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	Matt Hennessy, EN	IVIRON	•									
Sample method: Low-Flow Tubing method: Low-Flow Sample method: Low-Flow measuring point Sample method: Sam	Well/Purging Infor	mation:										
Tubig material: LDPE Sires LEDE Sires Legal Sires Sires Legal Sires Sires Sires Legal Sires Sir			adder Pump	_	1) V	Vell depth (from	top of measuring	point) (1)		<u>८</u> (ft)		
Screen Length: 43.				_						_		
Top of well screen; H_4.3.Z th. below measuring point Monthly 48 y 0.1 (432 for 2" 10 and 0.0408 for 1" 10 wells. Monthly 48 y 0.1 (432 for 2" 10 and 0.0408 for 1" 10 wells. Casting radius H_6.5.Z in. Selow measuring point Casting radius H_6.5.Z in. Selow measuring point Casting radius H_6.5.Z in. Selow measuring point Selimate H_6.5.Z in. Selow measuring point Selimate H_6.5.Z in. Selow measuring point Selimate H_6.5.Z in. Selow measuring point Selow measuring point Selimate H_6.5.Z Selimate H_6.	_			_								
Pump in lake set at			_				_			_(gal)		
Confidence Con	•											
Bladder Pump Controller Settings (if used): Recharge time: 10	-			Omi		_						
Stabilization:	_		_				_			— (gal)		
Stabilization:								\-	-	_ (\$)		
Stabilization:	Bladder Pump Con	troller Settings (ii	f used):	Recharge time	:	10	(sec)	Pressure	: 2 3 ((psi)		
Depth to Volume Pumping Rate (alfers) pH (ardders) (NTU) Temp (°C) (mg/L) (mV) 120				Discharge time	:	5	(sec)	Cycles per minute	: 4			
Time Water (R) Pumped (a.L.) Rate (a.L.) Rate (a.L.) Rate (a.L.) PH (a.M.) (NTU) Temp (°C) (mg/L) (mV) 120	Stabilization:		,									
Time Water (R) Pumped (a.L.) Rate (a.L.) Rate (a.L.) Rate (a.L.) PH (a.M.) (NTU) Temp (°C) (mg/L) (mV) 120		Depth to	Volume	Pumning		Conductance	Turbidity		DΩ	ORP		
1207	Time	•		,	рН		•	Temp (°C)				
121 14.83 2400 Y 7.58 0.797 85.2 18.54 0.77 7.55 1215	12003		_	•	_			=				
121 14.83 2400 Y 7.58 0.797 85.2 18.54 0.77 7.55 1215	1207	14.83	1600		7.57	0,784	86,7	19.15	0,82	-70		
1215	1211	14.83	2400	V	7,58	0,797		18,54	0,77	~75		
1219	1215	14.83	3200			0.804	46.5	18,34	0.66	~77		
1223	1219	14.83	4000		7.59		29.4	17.96		-79		
1231	1223	14.83			7,59	0.815	21.9	18.03	0.51	-81		
1235 14,83 7200 7,60 0,817 4,4 17,88 0.46 -84 1239 14,83 8000 7,60 0.819 6,2 17,75 0,45 -85 1243 14,83 8900 7,60 0,817 2.1 17,69 0,45 -86 Sample Parameter	1227	14.83	5600		7.59	0,818	/g, 0	19.78	0,49	~8 Z		
1239 14.83 8000 7,60 0.819 6.2 17.75 0.45 -85 1243 14.83 8000 7.60 0.817 2.1 17.69 0.45 -86 Sample Parameter Sample Volume Bottle Type Number of Bottles Preservation/Prep HCL Comments/Observations/Weather Conditions: Sunay 70° Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive	1231	14.83	6400		7,59	0,820	14.5	17.66	0.48	<u>-83</u>		
1243 14,83 8800 7.60 0.817 2.1 17.69 0.45 -86	1235	14,83	7200		7,60	0.817	9,4	17,88	0.46	-84		
Sample Parameter Sample Parameter Sample Volume Bottle Type Number of Bottles Preservation/Prep HC2	1239	14.83	8000		7,60	0.819	6.2	17,75	0,45	-85		
Comments/Observations/Weather Conditions: Sunay 70° Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive	1243	14.83	8800		7.60	0.817	2.1	17.69	0,45	_86		
Comments/Observations/Weather Conditions: Sunay 70° Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive	·											
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Comments/Observations/Weather Conditions: Sung 70°	1/00	_	UD	1-			3		Hez			
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water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive	Comments/Observa	ations/Weather C	onditions:	JUNAY,	70				<u>_</u>	-		
water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive												
water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive												
										e		

Sample ED. #: Alb - (g / D)	Site:	Genuine		Well #: MW-/67D Sample I.D. #: MW-/67D									
Sample Pases Daries Sample Sample Date: 1/4 (p-1)									1200				
Next During Sampling: Mat Hennessy, ENVIKON	J00 #	21230	416				•		1200	· ···· -			
Mast Hemesty, ENVIRON							Gampio Bate.	1 (0 1)					
Well/Purpling Infomation: Purpling method: Low-Flow Low-Flow 1) Well depth (from top of measuring point) (1) 30,65 (ft) (1) (1) (1) (1) (2) (1)	Personnel Present D	uring Sampling:											
Purple P	Matt Hennessy, EN	VIRON											
Purple P													
Sample Parameter Low-Flow Tubing method: Low-Flow Lobe Lob					41								
Screen Legals S. of the continue of the server 2.5 the se	~ ~		<u> </u>	_		-	-			- · ·			
Sceen Length: S				-									
Top of well screen; Z	-			-						-• '			
Pump intake set at Zel S ft. below measuring point Casing male	-		_	noint									
Consider radius Constitution C	•		_										
Depth to Volume Pumping Conductance Turbidity Temp (**O) (mg/t) (mg/	Casing radius	s: <u> </u> દ	_										
Recharge time: Doctor Stabilization: Smaller Pump Controller Settings (if used): Pressure: Z3 (psi)	Well materia	1: / VC)/ #316 :	SS / Galv. Steel		6) N	laximum volum	ne to be purged: #4	x #5 = (6)	_(gal)			
Stabilization: Stab		Other:								_			
Stabilization: Stab						10							
Stabilization: Stab	Bladder Pump Cont	roller Settings (i	f used):			<i>70</i>	- ' '			psi)			
Depth to Volume Pumping Rate (edfain) pH (edfex) (NTU) Temp (*C) (mgl.) (mV)				Discharge time:		3	_(sec)	Cycles per minute	: <u> </u>				
Depth to Volume Pumping Rate (edfain) pH (edfex) (NTU) Temp (*C) (mgl.) (mV)	Ctabilizations												
Time Water (R) Pumped (NoL) Rate (Asker) PH (exclessive drawdown (>0.5 km) Temp (°C) (mg/L) (mV) 1147	Stabilization.												
Time Water (R) Pumped (NoL) Rate (Asker) PH (exclessive drawdown (>0.5 km) Temp (°C) (mg/L) (mV) 1147		Denth to	Volume	Pumning		Conductance	Turbidity		DO	ORP			
1147	Time	•			рН		•	Temp (°C)					
1/4 6	1142			•	•								
1 50													
1 54		18,03	<u> 1600 </u>		<u> 1,22</u>		<u> 316</u>						
158 18,03 4000 7,19 1.33 0.6 17.22 0.43 ~32 1202 18,03 4800 7,19 1.34 0.0 17,13 0.41 ~34 Sample Parameter Sample Volume Bottle Type Number of Bottles Preservation/Prep 140m2 70A 3 1401, Comments/Observations/Weather Conditions: Simple Volume Source 140m2 1.34 1.35 1.35 1.35 Comments/Observations/Weather Conditions: Simple Volume Sample Parameter Sample Polume Preservation/Prep 1401, 1.35 1.35 1.35 1.35 Comments/Observations/Weather Conditions: Simple Volume Sample Parameter Sample Polume Preservation/Prep 1.35 1.35 1.35 1.35 1.35 Comments/Observations/Weather Conditions: Simple Polume Sample Polume	1150	18.03	<u> 2400 </u>	<u>V</u>	7.20	1.33	<u> 1,3</u>	17,17	0,52	-21			
158 18,03 4000 7,19 1.33 0.6 17.22 0.43 ~32 1202 18,03 4800 7,19 1.34 0.0 17,13 0.41 ~34 Sample Parameter Sample Volume Bottle Type Number of Bottles Preservation/Prep 140m2 70A 3 1401, Comments/Observations/Weather Conditions: Simple Volume Source 140m2 1.34 1.35 1.35 1.35 Comments/Observations/Weather Conditions: Simple Volume Sample Parameter Sample Polume Preservation/Prep 1401, 1.35 1.35 1.35 1.35 Comments/Observations/Weather Conditions: Simple Volume Sample Parameter Sample Polume Preservation/Prep 1.35 1.35 1.35 1.35 1.35 Comments/Observations/Weather Conditions: Simple Polume Sample Polume	1154	18.03	3200		7.19	1.33	0.0	17.27	0.45	-29			
Sample Parameter Sample Volume Sample Volume Sample Volume Sample Pown Number of Bottles Preservation/Prep Number of Bottles Preservation													
Sample Parameter Sample Volume Bottle Type Number of Bottles Preservation/Prep 10 10 10 10 10 10 10 10 10 1													
Comments/Observations/Weather Conditions: Symph 75'	1702	<u> 18.03</u>	<u> 4600 </u>		7,19	1,34	<u> </u>	17, 13	0.41	-34			
Comments/Observations/Weather Conditions: Symph 75'													
Comments/Observations/Weather Conditions: Symph 75'													
Comments/Observations/Weather Conditions: Symph 75'													
Comments/Observations/Weather Conditions: Symph 75'										·			
Comments/Observations/Weather Conditions: Symph 75'													
Comments/Observations/Weather Conditions: Symph 75'													
Comments/Observations/Weather Conditions: Symph 75'													
Comments/Observations/Weather Conditions: Symph 75'													
Comments/Observations/Weather Conditions: Symph 75'	Sample Par	ameter	Samule V	'olume	Bot	tle Type	Number	of Rottles	Preserva	tion/Pren			
Comments/Observations/Weather Conditions: Symph 75'	•	annotor					ramber			-			
Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive						<u> </u>			<u> </u> 47	<u> </u>			
Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive							-						
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water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive	Laur Elaur Care 1		Wall muses floor	af annumber - 1 - 0) ET J	lass Callers	in line	n1ites us =====	اد داد استوامه	4.0			
										<u> </u>			

Site:	Genuine					Well#		~				
		ndianapolis, IN				Sample I.D. #:						
Job #:	21256	641E				Sample Time:		1321				
						Sample Date:	4-10-13					
Personnel Present_Di	uring Sampling	<u>:</u>										
Matt Hennessy, ENV		-										
Well/Purging Inform	ation											
Purging method:		ladder Pump		1) 3	Well depth (from t	op of measuring	point) (1)	17.34	(ft)			
Sampling method		Low-Flow	_	•	Depth to water pri-		(2)		(ft)			
Tubing material	:	LDPE	- -	3) Length of water column in well: $#1 - #2 = (3) $								
Screen Length		_ft.	_	4) V	Volume of water s	tanding in well	(4))	(gal)			
Top of well screen;		_ft. below measuring p					id 0.0408 for 1" II					
Pump intake set at		ft. below measuring p	oint		-		ng approach only	-				
Casing radius		_ in. SS / Galv. Steel			Number of purge v	-			- (aal)			
wen material	Other:	SS / Galv. Steel		0) 1	Maximum volume	to be purged: #4	• X #3 = (0,)	_(gal)			
Bladder Pump Contro	aller Settings (i	fused).	Recharge time	. ,	D ((sec)	Pressure	: <i> 0</i> (p	psi)			
Diagger 1 ump Conn	oner semings (1	i uscu).	Discharge time	·			Cycles per minute		J31 <i>)</i>			
			9									
Stabilization:												
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP			
Time	Water (ft)	Pumped (ML)	Rate (mulmin)	pН	(m2/cm)	(NTU)	Temp (°C)	(mg/L)	(mV)			
1241	13.45	800	200	6.59	0.745	14.4	17.33	2.70	202			
1245	13.45	1600	1	6.86	0,747	13.7	16.52	2.56	187			
1249	13.45	7400		7.00	0.756	15.8	16.24	2.57	176			
1253	13.45	3200		7,08	0.758	15, Z	16.09	2.57	168			
1257	13.45	4000		7.14	0.765	17,7	15.87	7.61	161			
1301	13.45	4800		7,18	0.769	14,1	15.71	2.58	155			
1305	13,45	5600		7,21	0.773	12.6	15,70	7.56	150			
1309	/3.45	6400		7,23	0.776	9,2	15,66	2.51	146			
1313	13,45	7200		7,25	01777	11,7	15,55	2,53	143			
1317	13,45	8000		7,27	0.779	5,5	15.48	2.53	140			
1321	13.45	8800		7,28	0.781	3.1	15,46	Z,51	138			
Sample Para	meter	Sample V	/olume	Bo	ttle Type	Number	of Bottles	Preservat	tion/Pren			
Voc		40,			WOP)	3 HCL			_			
	<u></u>		<u> </u>		0011				<u></u>			
 												
		_										
							-					
Comments/Observat	ions/Weather C	Conditions:	Partly Su	iny, 7	5 "	Equipme	nt blank	Laken	after			
						econning						
			. <u></u>									
Low Flow Samplin	na.	Well purge flow rate	of approximatel	0 51 /min ~	riess Collection	a-line water av	alitu maacurama	nte and danth	to			
		minutes. If excessive										
		uctivity +10% tempe										